

**Type Classification:**

STD LCC-A (MSR 0379001).

Use:

To simulate the acoustic (bang) and optional (flash and smoke) signature of tank main gun. Firing is from the Simulator Tank Gunfire: Main Gun Weapons Effect Signature.

Description:

The cartridge consists of an outer, plastic case encompassing two sections which are taped together. The upper section is a protective cap and is removed prior to loading and firing. The hollow space within the cap houses the ignition leads and plug used to electrically initiate the cartridge. The lower section is loaded into the firing drums of the simulator and

contains the pyrotechnic charge and electrical igniter assembly. The plastic case is provided with a retaining rim which presses against the inner wall of the drum to prevent the cartridge from falling out.

Functioning:

Nine cartridges are inserted singly into the nine firing drums of the Simulator Tank Gunfire: Main Gun Weapons Effect Signature and electrically connected by their plugs to the corresponding sockets of the firing drums. The simulator is mounted on the tank's main gun tube and each cartridge is activated electrically upon depressing the main gun trigger. The cartridges function in place to produce the audible and visual simulation of the tank gun. After each round is expended, a firing device automatically prepares the next round for firing. The simulator is adaptable to the following US combat vehicles: M60, M60A1, M60A2, M60A3, M48, M48A3, M48A5, M551, and the XM1.

Pyrotechnic Charge:

Performance:

5-10

Weight	94.6 lb (43 kg) approx
Dimensions	22-1/2 x 16 x 20-2/5 in. (572mm x 406mm x 520mm)
Cube *	4.34 cu ft (0.12 cu meters)

Quantity-distance class	1.4
Storage compatibility	
group *	G
DOT shipping class	EXPLOSIVE B
DOT designation	SPECIAL FIRE-
	WORKS HANDLE
	CAREFULLY
	KEEP FIRE AWAY
DODAC *	1370-L602
Drawing Number	9322059